



Fig. 6. Detection characteristic for detecting a completely known lowpass signal ($\alpha = 10$).

shown that the adaptive detector attains the performance of a known noise level case as the reference noise sample size is made sufficiently large. The results provide a means to determine the required reference noise sample size for a desired detection performance in given noise statistics.

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Authorship attribution added to “Inertial Technology for the Future”¹

Dear Editor:

In my absence on sabbatical leave I was unable to proof our portion of the paper edited by Ralph Ragan. Inadvertently, Professor William Hamilton's name, who co-authored our subsection, **XV: A Future for Low Temperatures**, was omitted, as was his photograph and biography. Please indicate his authorship. Thank you.

Sincerely,

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¹Ragan, R., Editor; *IEEE Trans. Aerosp. Electr. Syst.*, Vol. AES-20, July 1984, pp. 414–440.